



## **Memorandum**

**To:** Honorable Mayor Maso and Members of the Frisco City Council

**cc:** George Purefoy, City Manager  
Paul Knippel, P.E., Director of Engineering Services  
Elizabeth Metting, P.E., Asst. Director/City Engineer

**From:** Jason Brodigan, P.E., Senior Civil Engineer

**Date:** May 18, 2010

**Subject:** Consider and act upon authorization for the City Manager to execute Change Order Number 4 to the Standard Form Agreement for Construction Services by and between the City of Frisco and Tiseo Paving Company, for the construction of Eldorado Parkway (Dallas North Tollway to Preston Road) and Frisco Street (Eldorado Parkway to Newton Drive).

---

**Action Requested:** City Council consideration and approval of authorization for the City Manager to execute Change Order Number 4 to the Standard Form Agreement for Construction Services by and between the City of Frisco and Tiseo Paving Company, of Mesquite, Texas, in the amount of \$144,192.60, for the construction of Eldorado Parkway (Dallas North Tollway to Preston Road) and Frisco Street (Eldorado Parkway to Newton Drive).

**Background Information:** City Council awarded the \$8,719,172.18 bid for the Project to widen Eldorado Parkway from Dallas North Tollway to east of Preston Road to a six lane roadway and construction of the two southbound lanes of Frisco Street from Eldorado Parkway to Newton Drive to Tiseo Paving Company at the April 7, 2009 Council meeting. The three westbound lanes of Eldorado Parkway will be constructed on new location and an additional eastbound lane will be constructed adjacent to the existing roadway. The project also includes a second bridge over the BNSF railroad tracks.

In addition, the two southbound lanes of Frisco Street from Eldorado Parkway to Newton Drive will be constructed as part of this project. The construction of this portion of the project was the responsibility of a private developer; however Frisco Street was added to the Eldorado Parkway project to simplify the construction phasing of these two streets.

**Agenda Memorandum**

**Change Order Number 4 – Eldorado Parkway (Dallas North Tollway to Preston Road)  
and Frisco Street (Eldorado Parkway to Newton Drive)**

**Tiseo Paving Company**

**City Council Meeting of May 18, 2010**

**Page 2 of 3**

Change Order Number 1, approved at the September 1, 2009 City Council meeting, revised the contract to modify the limits of a right turn lane to avoid conflicts with utilities, removed the relocation of two waterlines from the contract, reimbursed the contractor for additional railroad insurance costs, and repaired a damaged sewer connection that was damaged prior to the current construction. Change Order Number 1 decreased the contract amount by \$32,331.75 to a total contract amount of \$8,686,840.43.

Change Order Number 2, approved at the October 20, 2009 City Council meeting, added items required to connect to the existing water and wastewater systems as a result of differing field conditions, corrected an error in the drilled shaft elevations at the bridge, and removed storm drain line F-1 from the contract which will be constructed by TxDOT as part of the Preston Road project. Change Order Number 2 increased the contract by \$3,945 to a total contract amount of \$8,690,785.43.

Change Order Number 3, approved at the April 6, 2010 City Council meeting, removed pavement which will be constructed by TxDOT as part of the Preston Road project, revised the earthwork quantities at the BNSF bridge due to a plan error, and added turn lanes and deceleration lanes at locations completed after the completion of the construction plans. In addition, Change Order Number 3 included repair of the existing approach slab on the eastbound lanes, addition of block sod to facilitate a traffic switch, and repair of damages to irrigation systems encountered during construction. Change Order Number 3 increased the contract by \$141,188.36 to a total contract amount of \$8,831,973.79.

Change Order Number 4 addresses the following items:

1. Additional repair of deteriorated pavement. Pavement repair of the deteriorated eastbound pavement in front of the park was included in the construction plans; however, additional sections of deteriorated pavement have developed since the pavement was assessed during design of the project. In order to provide a better product upon completion of the project, staff recommends removing and repaving selected areas using current subgrade and pavement standards. The pavement repair area included in the plans and the proposed additional area recommended for repair are shown on the attached Pavement Repair Exhibit. The cost to remove the old pavement and place new pavement in the proposed area is \$133,817.60.
2. Addition of Landscape Maintenance Ramps to the medians which will allow the Parks Department easier access to the medians to mow. The cost of the ramps is \$2,000.
3. Add 500 linear feet of French drain to protect the subgrade from becoming saturated and weakening. The adjacent fields drain towards the road and

**Agenda Memorandum**

**Change Order Number 4 – Eldorado Parkway (Dallas North Tollway to Preston Road) and Frisco Street (Eldorado Parkway to Newton Drive)**

**Tiseo Paving Company**

**City Council Meeting of May 18, 2010**

**Page 3 of 3**

water ponds on private property adjacent to the road. Staff is concerned that this water will saturate and weaken the subgrade. The French drain will drain the water away from the subgrade. The cost of the French drain is \$8,375.

Change Order Number 4 increases the contract by \$144,192.60 to a total contract amount of \$8,976,166.39.

**Alternatives:** The City Council could consider the following alternatives:

- City Council approval to authorize the City Manager to execute Change Order Number 4;
- Input towards the discussion as desired;
- Deny approval and send back to staff with direction.

**Financial Considerations:** This Project will be primarily funded from the 2007 General Obligation Bonds. The 2007 Collin County Bond Program allocated fifty percent of construction costs in an amount not to exceed \$2,026,000 for the construction of lanes 5 and 6 of Eldorado Parkway from Dallas North Tollway to Preston Road. Funding for the construction of Frisco Street was obtained through an escrow agreement with the developer responsible for the construction of Frisco Street.

**Legal Review:** Not Applicable.

**Supporting Documents:** Supporting documents include the following items:

- Pavement Repair Exhibit;
- Location Map;
- Copy of Change Order Number 4.

**Staff Recommendation:** Staff recommends authorizing the City Manager to execute Change Order Number 4 to the Standard Form Agreement for Construction Services by and between the City of Frisco and Tiseo Paving Company, of Mesquite, Texas, in the amount of \$144,192.60, for the construction of Eldorado Parkway (Dallas North Tollway to Preston Road) and Frisco Street (Eldorado Parkway to Newton Drive). Staff will be available during the meeting to address questions relating to this item.